Page 38 of 38

## **Abstract of the Invention**

A molecular sieve and a molecular sieve catalyst containing a surface heat

impregnated with a metal. The molecular sieve is heated in the presence of a

metal containing solution at a temperature between 30°C and 400°C then

separated from the metal containing solution. The molecular sieve and molecular sieve catalyst is used to make olefin from an oxygenate feedstock.